

Case Docket No. MVMDINC.019A

Date: August 5, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

Frazier et al.

Appl. No.

10/771,845

Filed

February 4, 2004

For

PATENT FORAMEN OVALE

CLOSURE SYSTEM

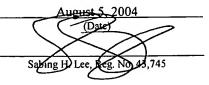
Examiner

Unknown

Group Art Unit:

3761

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on



TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- An Information Disclosure Statement. (X)
- A PTO Form 1449 listing two hundred thirty-four (234) references; enclosing forty-four (44) (X) references.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or (X) credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Sabing H. Lee Registration No. 43,745

Attorney of Record Customer No. 20,995

(949) 760-0404

INFORMATION DISCLOSURE STATEMENT

Applicant

Frazier et al.

App. No.

: 10/771,845

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For

PATENT FORAMEN OVALE CLOSURE

SYSTEM

Examiner

Unknown

Group Art Unit

3761

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 234 references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: August 5, 2004

By:_

Sabing H. Lee

Registration No. 43,745

Attorney of Record

Customer No. 20,995

(949) 760-0404

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY.	DOCKET	NO.
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APPLICATION NO. 10/771,845

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT Frazier et al.

FILING DATE February 4, 2004

GROUP 3761

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	2,570,465	02/09/51	Lundholm			
	2	3,123,077	08/13/56	Alcamo			
	3	3,124,136	03/10/64	Usher			
	4	3,166,072	01/19/65	Sullivan, Jr.			
	5	3,646,615	03/07/72	Nees			
	6	3,716,058	07/17/70	Tanner, Jr.			
	7	3,874,388	04/01/75	King et al.			
	8	3,892,232	07/01/75	Neufeld			
	9	4,006,747	02/08/77	Kronenthal et al.			
	10	4,007,743	02/15/77	Blake			
	11	4,060,089	11/29/77	Noiles			
	12	4,532,926	08/06/85	O'Holla			
	13	4,669,473	06/02/87	Richards et al.			
	14	4,688,561	08/25/87	Reese			
	15	4,781,177	11/01/88	Lebigot			
	16	4,836,204	06/06/89	Landymore et al.		,	
	17	4,873,976	10/17/89	Schreiber			
	18	4,884,572	12/05/89	Bays et al.			
	19	4,895,148	01/23/90	Bays et al.			
	20	4,917,089	04/17/90	Sideris			
	21	4,924,865	05/15/90	Bays et al.			
	22	4,935,028	06/19/90	Drews			
	23	4,976,715	12/11/90	Bays et al.			
	24	5,013,316	05/07/91	Goble et al.			
	25	5,021,059	06/04/91	Kensey et al.			
	26	5,053,047	10/01/91	Yoon			
	27	5,059,206	10/22/91	Winters			

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DATE CONSIDERED

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
	28	5,085,661	02/04/92	Moss				
	29	5,102,421	04/07/92	Anspach, Jr.				
	30	5,108,420	04/28/92	Marks				
	31	5,129,906	07/14/92	Ross et al.				
-	32	5,171,259	12/15/92	Inoue				
	33	5,192,301	03/09/93	Kamiya et al.				
-	34	5,203,864	04/20/93	Phillips				
	35	5,236,431	08/17/93	Gogolewski et al.				
	36	5,246,441	09/21/93	Ross et al.				
	37	5,254,133	10/19/93	Seid				
	38	5,258,000	11/02/93	Gianturco				
	39	5,261,914	11/16/93	Warren				
	40	5,284,488	02/08/94	Sideris				
	41	5,334,217	08/02/94	Das				
	42	5,342,393	08/30/94	Stack				
	43	5,350,399	09/27/94	Erlebacher et al.				
	44	5,356,432	10/18/94	Rutkow et al.				
	45	5,380,334	01/10/95	Torrie et al.				
· · · ·	46	5,397,331	03/14/95	Himpens et al.				
	47	5,400,805	03/28/95	Warren				
	48	5,425,744	06/20/95	Fagan et al.			-	
	49	5,433,727	07/18/95	Sideris				
	50	5,451,235	09/19/95	Lock et al.				
4	51	5,470,337	11/28/95	Moss				
	52	5,486,193	01/23/96	Bourne et al.				
-	53	5,505,735	04/09/96	Li				

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. MVMDINC.019A

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GROUP FILING DATE February 4, 2004 3761

				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	54	5,507,811	04/16/96	Koike et al.			
	55	5,562,704	10/08/96	Tamminmaki et al.			
	56	5,578,045	11/26/96	Das			
	57	5,601,571	02/11/97	Moss			
	58	5,620,461	04/15/97	Muijs et al.			
	59	5,634,936	06/03/97	Linden et al.			
•	60	5,643,317	07/01/97	Pavcnik et al.			•
	61	5,662,681	09/02/97	Nash et al.			
•	62	5,702,421	12/30/97	Schneidt			
	63	5,709,707	01/20/98	Lock et al.			
	64	5,725,552	03/10/98	Kotula et al.			
	65	5,728,116	03/17/98	Rosenman			
	66	5,733,294	03/31/98	Forber et al.			
	67	5,741,297	04/21/98	Simon			
	68	5,792,179	08/11/98	Sideris			
1	69	5,797,960	08/25/98	Stevens et al.			
	70	5,810,846	09/22/98	Virnich et al.			
	71	5,823,956	10/20/98	Roth et al.			
	72	5,827,298	10/27/98	Hart et al.			
	73	5,829,447	11/03/98	Stevens et al.			
	74	5,843,084	12/01/98	Hart et al.			
	75	5,846,261	12/08/98	Kotula et al.			
	76	5,853,422	12/29/98	Huebsch et al.			
	77	5,855,614	01/05/99	Stevens et al.			
	78	5,860,948	01/19/99	Buscemi			
-	79	5,861,003	01/19/99	Latson et al.			

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FILING DATE **GROUP** February 4, 2004 3761

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	80	5,879,366	03/09/99	Shaw et al.			
	81	5,893,850	04/13/99	Cachia			
	82	5,904,703	05/18/99	Gilson			
	83	5,919,200	07/06/99	Stambaugh et al.			
*	84	5,944,738	08/31/99	Amplatz et al.			
	85	5,947,997	09/07/99	Pavcnik et al.			
	86	5,976,174	11/02/99	Ruiz			
	87	5,980,524	11/09/99	Justin et al.			
	88	6,024,756	02/15/00	Huebsch et al.			
	89	6,059,823	05/09/00	Holman et al.			
	90	6,077,281	06/20/00	Das			
	91	6,077,291	06/20/00	Das			
	92	6,079,414	06/27/00	Roth ,			
	93	6,080,182	06/27/00	Shaw et al.			
	94	6,087,552	07/11/00	Gregory			
	95	6,096,052	08/01/00	Callister et al.			
	96	6,106,532	08/22/00	Koike et al.			
	97	6,110,212	08/29/00	Gregory			
	98	6,123,715	09/26/00	Amplatz			
	99	6,152,144	11/28/00	Lesh et al.			
	100	6,156,055	12/05/00	Ravenscroft			
	101	6,171,329	01/09/01	Shaw et al.			
	102	6,174,322	01/16/01	Schneidt			
	103	6,190,400	02/20/01	Van de Moer et al.			
	104	6,200,336	03/13/01	Pavcnik et al.			
	105	6,206,895	03/27/01	Levinson			

EXAMINER	DATE CONSIDERED

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY, DOCKET NO. MVMDINC.019A

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GROUP FILING DATE February 4, 2004 3761

EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
INITIAL							(IF APPROPRIATE)
	106	6,206,907	 	Marino et al.			
	107	6,210,338	04/03/01	Afremov et al.			
	108	6,214,029	04/10/01	Thill et al.			
	109	6,221,092	04/24/01	Koike et al.			
	110	6,231,561	05/15/01	Frazier et al.			
	111	6,231,589	05/15/01	Wessman et al.			
	112	6,238,416	05/29/01	Sideris			
	113	6,241,747	06/05/01	Ruff			
	114	6,245,079	06/12/01	Nobles et al.			
·	115	6,270,515	08/07/01	Linden et al.			
	116	6,277,140	08/21/01	Ginn et al.			
	117	6,280,460	08/2801	Bolduc et al.			
W. C. W.	118	6,290,674	09/18/01	Roue et al.			
	119	6,290,702	09/18/01	Fucci et al.			
	120	6,296,641	10/02/01	Burkhead et al.			
	121	6,299,597	10/09/01	Buscemi et al.			
	122	6,306,177	10/23/01	Felt et al.			
	123	6,312,446	11/06/01	Huebsch et al.			
<u> </u>	124	6,319,263	11/20/01	Levinson			
	125	6,319,270	11/20/01	Grafton et al.			
	126	6,319,276	11/20/01	Holman et al.			
	127	6,322,563	11/27/01	Cummings et al.			
	128	6,328,727	12/11/01	Frazier et al.			
	129	6,334,864	01/01/02	Amplatz et al.			
	130	6,342,064	01/29/02	Koike et al.			
	131	6,346,074	02/12/02	Roth			

EXAMINER	•	DATE CONSIDERED

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	132	6,348,053	02/19/02	Cachia			
	133	6,355,052	03/12/02	Neuss et al.			
· ·	134	6,368,339 B1	04/09/02	Amplatz			
	135	6,379,368	04/30/02	Corcoran et al.			
•	136	6,391,048	05/21/02	Ginn et al.			
	137	6,419,669	07/16/02	Frazier et al.			
	138	6,440,152	08/27/02	Gainor et al.			
***	139	6,458,100	10/01/02	Roue et al.			
	140	6,461,364	10/08/02	Ginn et al.			
	141	6,468,303	10/22/02	Amplatz et al.			
	142	6,517,564	02/11/03	Grafton et al.			
-	143	6,533,762	03/18/03	Kanner			
	144	6,537,300	03/25/03	Girton			
	145	6,551,343	04/22/03	Tormala et al.			
	146	6,551,344	04/22/03	Thill			
	147	6,569,188	05/27/03	Grafton et al.			
	148	6,596,014	07/22/03	Levinson et al.			
·	149	6,626,917	09/30/03	Craig			
	150	6,632,238	10/14/03	Ginn et al.			_
	151	6,635,066	10/21/03	Tanner et al.			•
-	152	6,645,225	11/11/03	Atkinson			
	153	6,656,206	12/02/03	Corcoran et al.			
	154	6,695,867	02/24/04	Ginn et al.			
-	155	6,702,835	03/09/04	Ginn			
	156	6,719,777	04/13/04	Ginn et al.			
	157	2001/0014800	08/16/01	Frazier et al.			

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. MVMDINC.019A

APPLICATION NO. 10/771,845

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GROUP February 4, 2004 3761

	U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
	158	2001/0021872	09/13/01	Bailey et al.				
	159	2001/0023332	09/20/01	Hahnen				
	160	2001/0031973	10/18/01	Nobles et al.				
	161	2001/0034537	10/25/01	Shaw et al.				
•	162	2001/0037129	11/01/01	Thill				
	163	2001/0039434	11/08/01	Frazier et al.				
-	164	2001/0039435	11/08/01	Roue et al.				
	165	2001/0039436	11/08/01	Frazier et al.				
	166	2001/0039450	11/08/01	Pavcnik et al.				
	167	2001/0041914	11/15/01	Frazier et al.				
	168	2001/0041915	11/15/01	Roue et al.				
	169	2001/0049492	12/06/01	Frazier et al.				
	170	2002/0055767	05/09/02	Forde et al.				
	171	2002/0068950	06/06/02	Corcoran et al.				
	172	2002/0165574 A1	11/07/02	Ressemann et al.				
	173	2002/0165598 A1	11/07/02	Wahr et al.				
	174	2002/0169475	11/14/02	Gainor et al.	_			
	175	2002/0183786	12/05/02	Girton				
	176	2002/0183787	12/05/02	Wahr et al.				
	177	2002/0198563	12/26/02	Gainor et al.				
	178	2003/0023262	01/30/03	Welch				
	179	2003/0028213	02/06/03	Thill et al.				
	180	2003/0045893	03/06/03	Ginn				
	181	2003/0050600 A1	03/13/03	Ressemann et al.				
	182	2003/0050665	03/13/03	Ginn			-	
	183	2003/0055455	02/20/03	Yang et al				

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY, DOCKET NO	i.
MVMDINC.019A	

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	. U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)				
	184	2003/0144694 A1	07/31/03	Chanduszko et al.							
	185	2003/0191495 A1	10/09/03	Ryan et al.							
	186	2003/0208232 A1	11/06/03	Blaeser et al.							
	187	2003/0225421 A1	12/04/03	Peavey et al.							
•	188	2004/0039414 A1	02/26/04	Carley et al.							
-	189	2004/0073236 A1	04/15/04	Carley et al.							
	190	2004/0073242 A1	04/15/04	Chanduszko							

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EXAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
INITIAL							YES	NO
	191	EP 0 317 406 A1	04/24/89	Europe				
	192	EP 0 362 113	04/04/90	Europe				
	193	EP 0 474 887	03/18/92	Europe				
	194	EP 0 541 063	05/12/93	Europe				
	195	EP 0 545 091	06/09/93	Europe				
	196	EP 0 632 999 A1	01/11/95	Europe				
	197	EP 0 655 222	05/31/95	Europe				
	198	EP 0 793 457	09/10/97	Europe				
	199	EP 0 876 793	11/11/98	Europe				
	200	EP 1 046 375	10/25/00	Europe				
	201	EP 1 214 911	06/19/02	Europe				
	202	EP 1 281 355 A2	02/05/03	Europe				
	203	FR 1 317 354	01/02/63	France				
	204	GB 2 269 321	02/09/94	United Kingdom				
	205	JP 7171173	06/04/96	Japan				
	206	JP 8141070	08/06/96	Japan				

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FILING DATE GROUP February 4, 2004 3761

				FOREIGN PATENT DOCUMENTS				
EXAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
INITIAL							YES	NO
	207	JP 8196623	08/06/96	Japan				
	208	WO 85/03857	09/12/85	PCT				
	209	WO 89/01767	03/09/89	PCT				
	210	WO 90/14796	12/13/90	PCT				
•	211	WO 93/13712	07/22/93	PCT				
-	212	WO 93/14705	08/05/93	PCT				
•	213	WO 95/28885	11/02/95	PCT				
	214	WO 96/32882	10/24/96	PCT				
	215	WO 97/18762	05/29/97	PCT				
	216	WO 97/41779	11/13/97	PCT				
	217	WO 97/42878	11/20/97	PCT				
	218	WO 98/08462	03/05/98	PCT				
	219	WO 98/27868	07/02/98	PCT				
	220	WO 99/07289	02/18/99	PCT				<u></u>
~	221	WO 99/18862	04/22/99	PCT				
/	222	WO 99/18864	04/22/99	PCT				
<i>[]</i>	223	WO 99/18871	04/22/99	PCT				
	224	WO 99/38454	08/05/99	PCT[
	225	WO 99/40849	08/19/99	PCT				
	226	WO 00/56376	09/28/00	PCT				
	227	WO 00/69365	11/23/00	PCT				
	228	WO 01/17435	03/15/01	PCT				
	229	WO 01/21246	03/29/01	PCT				
	230	WO 01/30267	05/03/01	PCT				
	231	WO 02/098298	12/12/02	PCT				
	232	WO 02/32496	04/25/02	PCT				<u></u>

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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MVMDINC.019A	APPLICATION NO. 10/771,845	
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(USE SEVERA	L SHEETS IF NECESSARY)	FILING DATE February 4, 2004	GROUP 3761	

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INITIAL							YES	МО
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	234	WO 03/103476 A2	12/18/03	PCT				

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